Table A.4.2. East Yard SWMU 9 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations greater than Delineation Criteria
MW178 3/19/03 Full RFI 2nd Iteration SWMU 9	25.25		Gravel: 0-4 Silt: 4-16 Sand: 16-16.5 Silt: 16.5-17 Clay: 17-17.5 Sand: 17.5-18 Clay: 18-20 Sand: 20-21 Clay: 21-22 Sand: 22-25.25	0	Water	MW178 (5/9/03)	V, S, M, water quality	None
S0845/MW141 8/27/02 Full RFI SWMU 9	14	6?	Fill: 0-2 Clay: 2-14	13 (2-2.5)	O, U, F	S0845A4 (1.5-2)	V, S, M	Iron: 24300 mg/kg
					O, U, N	S0845B1 (2-2.5)	V, S, M	Iron: 26900 mg/kg
					O, S, N	S0845G4 (13.5-14)	V, S, M	Iron: 26000 mg/kg
					Water	MW141 12/3/02	V, S, M, water quality	Benzene: 29 ug/L
SB0166 12/13/95 1st Soils SWMU 9	6	4.5	Fill: 0-2 Silt: 2-6	0	O, U, F	SB0166SA (0-2)	V, S, Pb, TEL	None
SB0167 12/13/95 1st Soils SWMU 9	6	4.2	Fill: 0-2 Clay and silt: 2-3.5 Sand: 3.5-4 Silt: 4-6	0	O, U, F	SB0167SA (0-2)	V, S, Pb, TEL	None
SB0168 12/13/95 1st Soils SWMU 9	6	4.2	Fill: 0-2 Sand and silt: 2-6	0	O, U, F	SB0168SA (0-2)	V, S, Pb, TEL	None
SB0169 12/13/95 1st Soils SWMU 9	6	4	Fill: 0-2.7 Sand and silt: 2.7-6	0	O, U, F	SB0169SA (0-2)	V, S, Pb, TEL	None

Table A.4.2. East Yard SWMU 9 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations greater than Delineation Criteria
SB0170 12/13/95 1st Soils SWMU 9	4	4	Fill: 0-2 : Sand and silt: 2-4	0	O, U, F	SB0170SA (0-2)	V, S, Pb, TEL	None
SB0171 12/13/95 1st Soils SWMU 9	8	4	Fill: 0-2 Sand and silt: 2-8	0	O, U, F	SB0171SA (0-2)	V, S, Pb, TEL	None
SB0222 12/13/95 1st Soils SWMU 9	6	4	Fill: 0-4.5 Sand and silt: 4.5-6	15 (2-4)	O, U, F	SB0222SB (2-4)	V, S, Pb, TEL	None
U009007 12/13/95 1st Soils SWMU 9	6	4	Fill: 0-2.5 Sand and Silt: 2.5-6	0	None			
U009008 12/13/95 1st Soils SWMU 9	6	4	Fill: 0-2.3 Sand and silt: 2.3-6	0	None			
U009009 12/13/95 1st Soils SWMU 9	4	4	Fill: 0-2.2 Sand and silt: 2.2-4	0	None			
U009011 12/13/95 1st Soils SWMU 9	4	4	Fill: 0-2.3 Sand and silt: 2.3-4	0	None			
U009012 12/13/95 1st Soils SWMU 9	4	4	Fill: 0-2.2 Sand and silt: 2.2-4	0	None			
U009013 12/13/95 1st Soils SWMU 9	4	4	Fill: 0-2.2 Sand and silt: 2.2-4	0	None			

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

ppm_v = parts per million (volume basis)

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

µg/L = micrograms per liter (equivalent to parts per million).

[1]Depth to water as observed during borehole advancement.

[2]"Fill" encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

[3]P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. "None" indicates that no sample was collected.

[4]V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP -- Synthetic Precipitation Leaching Procedure; -Phys. Char. -- physical characteristics.